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25X1X7

MEMO TO THE HOLDERS OF THE ESTIMATE OF THE COMMUNIST CHINESE AIR THREAT AGAINST INDIA DATED JANUARY 1963

6 May 1964

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6 May 1964

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MEMORANDUM FOR: Holders of Estimate of the Chinese Communist Air Threat to India," dated 17 January 1963

- 1. Attached are revisions of the appendices to the above estimate designed to provide up-to-date information on Chinese Communist air order of battle.
- 2. The conclusions of the estimate (paragraphs 33-38)

 remain basically valid. The entire matter of the Chinese

 Communist threat to India is currently under review, including

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 the papers Estimate of the Chinese Communist Ground

 Threat to India from Tibet and Sinkiang" and Estimate

 of Chinese Communist Capabilities for Attacking India Through

 Burmese Territory," both dated 14 August 1963.

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GROUP 1 Excluded from automatic downgrading and declassification

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APPENDIX A

CCAF/CCNAF AIR ORDER OF BATTLE*

			_		
	CCAF	17 JANUAR	<u>a</u> / Y 1963	15 APRII	a/ 1964
TYPE OF AIRCRAFT	ROLE	NO.	TOTAL	NO.	TOTAL
FAGOT (MIG-15) FRESCO (MIG-17) FRESCO D (MIG-17D) FARMER (MIG-19)	Jet Ftr (Day) Jet Ftr (Day) Jet Ftr (LAW) ^C / Jet Ftr (Day)	690 785 145 60		620 780 145 80 <u>d</u> /	
DEAGE (TT 10)	7.		1,680		1,625
BEAST (IL-10) FAGOT (MIG-15)	Piston Engine Ftr (Grnd Atk) Jet Ftr	40	40	40 */	
(4 _,,	(Grnd Atk)		<u>e</u> /	30/	70
BAT (TU-2) BEAGLE (IL-28) BULL (TU-4) BADGER (TU-16)	Piston Lt Bmr Jet Lt Bmr Piston Med Bmr Jet Med Bmr	100 175 15		<u>b</u> / 90 160 <u>b</u> / 15 2 <u>8</u> /	70
C46/C47 CAB COACH COLT COOT	Transport Transport Transport Transport Transport	30 35 35 25 2	290	30 35 30 50 <u>h</u> /	267
CRATE	Transport Helicopter	45 	172	2 47 <u>i</u> / 20	194 20
TOTAL			2,182		2,176
	CCNAF				
FAGOT FRESCO FRESCO D	Jet Ftr (Day) Jet Ftr (Day) Jet Ftr (LAW)	170 70 30	270	<u>b</u> / 140 55 30	225
			~ 1 ~		

^{*} This Appendix supersedes old Appendix A.

(Continued on following page)

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			I	APPENDIX A
BAT BEAGLE	Piston Lt Bmr Jet Lt Bmr	5 150	130 <u>b</u> / 155	135
CAB COLT CRATE	Transport Transport Transport	15 5 5	15 15 <u>h</u> / 5	
MADGE	Reconnaissance	10	25 <u>b</u> / 10 5	35 5 400
TOTAL			460 Ĵ∕	
COMBINED CCAF	CCNAF TOTAL		2,672 ¹	2,576

Figures rounded to nearest five except for the BADGERS, COOTS, and CRATES.

Reduction due to attrition. Limited all weather fighter

Reference to 30 MIG-15 (FAGOTS), as being specially trained in ground attack, was carried in a footnote to Appendix A in the study dated 25X1X7 17 January 1963 and was not included in the total.

A unit of 30 MIG-15 (FAGOTS) continues to be specially trained in ground f/ attack. All FAGOT/FRESCO aircraft, however, are adaptable to ground attack operations.

Although these BADGERS may participate in training activity, we do not g/ believe they are capable of conducting combat operations.

Increase due to domestic production.

Although HOUNDS probably have been produced within China for several years, our first confirmed evidence of utilization within the CCAF has come within the past year.

This total adjusted to include the 30 ground attack FAGOTS. See Foot-1/ note "e" above.

alp old We do not believe that there has been an increase in FARMERS during the past year. Rather, we believe that our earlier estimate of 60 should have been 80.

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APPENDIX B

AIRCRAFT PERFORMANCE REVISIONS*

The following information reflects the more important changes in estimated aircraft performance characteristics from those provided in Appendix B to the Threat Study dated 17 January 1963.

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- 1. Change FRESCO A and B maximum knots at sea level (intercept mission and ground attack) from 570 to 590. Change FRESCO C maximum knots at sea level (intercept mission and ground attack) from 570 to 605. Change FRESCO D maximum knots at sea level (intercept mission) from 570 to 605.
- 2. Change FARMER A, C, and D maximum knots at sea level (ground attack) from 570 to 650.
 - 3. Change BEAGLE information as follows:

Bomb Wt. 1bs.	All-up Wt. 1bs.	Maxi	mum	Kts.	Combat	Radius	N.M.
		Old	-	New	Old	-	New
6,600	51,000	425	-	480	600	-	550
4,400	48,800	430	-	480	610		560
2,200	46,600	435	-	485	620	-	570
2,200	40,500	445	-	490	400	CS#	310

4. Change BADGER information as follows (assuming a 10,000 lb. bomb load):

Fuel Wt. 1bs.	All-up Wt. 1bs.	Max. Kts.	Cruise Kts.	Combat Radius N.M.
Old - New	Old - New	Old - New	Old - New	Old - New
75,500-71,400	170,000-167,000	490 - 540	465 - 445	1,700 - 1,450

Also, delete the statement that the BADGER can carry a maximum bomb load of 22,000 lbs. with a reduced radius of 1,300 n.m.

^{*} These changes revise certain portions of old Appendix B.

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5. Change CRATE information as follows:

Fuel Wt. lbs.	Freight lbs. Old - New	Range N.M. Old - New
5,500 - 5,550	4,600 - 4,750	1,400 - No change
1,600 - 2,300	8,500 - 8,100	400 500

6. Change COOT information as follows:

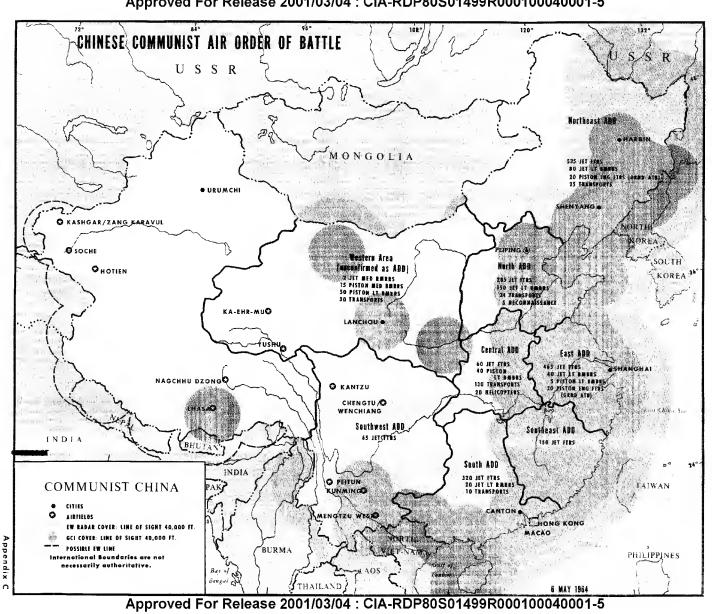
Fuel Wt. lbs.	Freight lbs.	Range N.M.
Old - New	Old - New	Old - New
40,200 - No change 31,200 - 32,400	22,000 - 23,000 31,000 - 30,800	2,500 - 2,480 1,600 - 1,840

7. Change COLT information as follows:

Freight lbs.	All-up Wt. 1bs.	Range N.M.
Old - New	Old - New	Old - New
2,700 - 3,000	11,500 - 12,700	485 - 855

Delete second line item on the COLT in its entirety.

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APPENDIX D

AIRFIELDS IN TIBET AND WESTERN CHINA*

The following is a revised summary of airfields in China which are most likely to be used for operations against India.

39°31'N 75°58'E	KASHGAR/ZANG KARAVUL	4,000 feet, packed gravel. (4,000 feet a.m.s.l.) serviceable.
38°25' n 77°17' e	SOCHE (YARKAND)	3,800 feet, natural surfacing. (4,400 feet a.m.s.l.) serviceable.
37°09'N 79°52'E	HOTIEN (KHOTAN)	5,000 feet, packed gravel. (3,000 feet a.m.s.l.) serviceable.
30°30'N 91°06'E	LHASA (TANG-HSIUNG)	13,000 feet, macadam. (14,177 feet a.m.s.l.) serviceable.
31°33'N 91°44'E	NAGCHHU DZONG	12,000 feet (est.) claybound crushed rock. (15,000 feet a.m.s.l.) temporarily unserviceable.
36045'N 95035'E	KA-ERH-MU (GOLMO)	12,000 feet, macadam. (9,000 feet a.m.s.l.) serviceable.
32°53'N 96°47'E	YUSHU	11,200 feet, claybound crushed rock. (12,525 feet a.m.s.l.) serviceable.

^{*} This Appendix supersedes old Appendix D in its entirety.

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31°37'N 100°02'E	KANTZU	11,000 feet, claybound crushed rock. (11,500 feet a.m.s.l.) serviceable.
30°43'N 103°57'E	CHENGTU/WENCHIANG	7,500 feet, concrete. (1,700 feet a.m.s.l.) serviceable.
25 ⁰ 27'N 100 ⁰ 44'E	PEITUN	7,800 feet, concrete. (6,500 feet a.m.s.l.) serviceable.
25 ⁰ 00'N 102 ⁰ 45'E	KUNMING	9,800 feet, concrete. (6,220 feet a.m.s.l.) serviceable.
23°24'N 103°19'E	mengtzu west	7,900 feet, concrete. (4,700 feet a.m.s.l.) serviceable.